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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being sent via facsimile to the attention of Examiner Michael Barr, Art Unit 1762, at the official after-final fax number provided in the Office Action to which this paper is responsive, 703-872-9311, on the date shown below.

**THIS TRANSMISSION INCLUDES A TOTAL OF 8 PAGES.**

Date: July 9, 2003

Janet Farr  
(Type or print name of person faxing paper)

Janet Farr  
(Signature of person faxing paper)

ATOTP0100US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Nayan H. Joshi

Serial No: 09/981,587

Filed: October 17, 2001

Art Unit: 1762

Examiner: Michael E. Barr

For: METALLIZATION OF NON-CONDUCTIVE SURFACES WITH SILVER  
CATALYST AND ELECTROLESS METAL COMPOSITIONS

**REPLY TO OFFICE ACTION MAILED 16 APRIL 2003**

VIA FACSIMILE  
M/S AFTER FINAL  
Commissioner for Patents  
Washington, D.C.

**RESPONSE AFTER FINAL--  
EXPEDITED HANDLING  
REQUESTED**

Sir:

This paper is filed as a complete response to the Office Action in the above-identified application, mailed 16 April 2003, for which a three month time for reply was

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